

ABSTRACT

[0039] A booting circuit, used during antifuse programming, that has a clamping circuit designed to prevent a programming voltage from being unnecessarily limited by other components in an integrated circuit. The booting circuit is connected between an external interface, such as a bond pad, and an internal line, and is activated when the programming voltage is being applied directly to the internal line (i.e., not through the external interface). When activated, the clamping circuit allows a suitable and sufficiently high voltage to be applied to the internal line to properly program the antifuses while also clamping the amount of voltage seen at the external interface.